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(71) Applicant and

(72) Inventor: KUSIC, Tom [AU/AU]; 72 Smith Street,
Collingwood, VIC 3066 (AU).

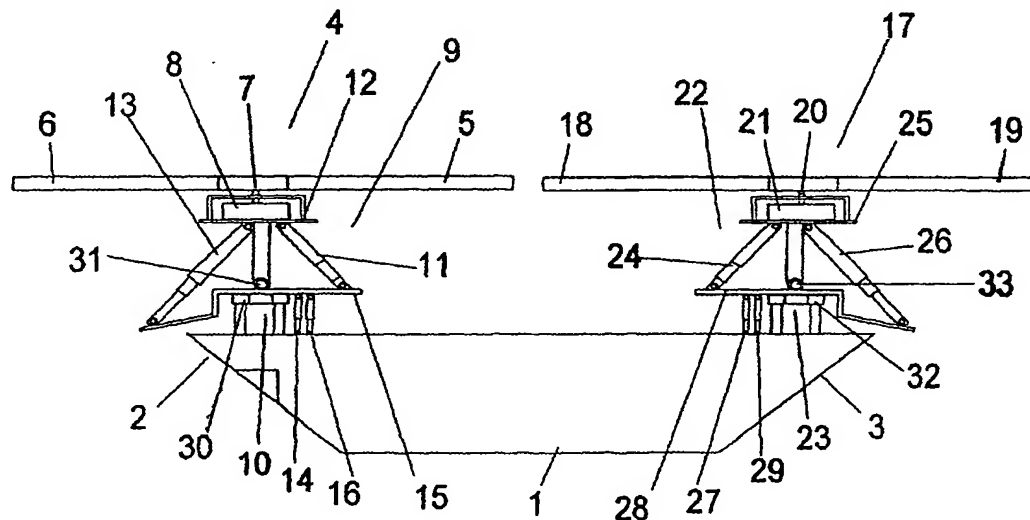
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(54) Title: TANDEM POWERED POWER TILTING AIRCRAFT



(57) Abstract: Vertical take-off aircraft (1) has first (4) and second (17) lifting means (eg helicopter-type rotors, jets, turboprops) arranged in tandem, either above or outboard of ends (2, 3). Lifting means (4, 17) are independently tiltable, in multiple directions, by hydraulic rams (11, 13, 14, 16, 24, 26, 27, 29) to manoeuvre aircraft (1). In particular first lifting means (4) may be tilted in the opposite transverse direction to second lifting means (17) so as to alter the direction of flight. First lifting means (4) may be tilted by further hydraulic rams so that its rotor lies in a vertical plane for forward flight of aircraft (1).

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